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Developing Community Capability in Data-Intensive Research

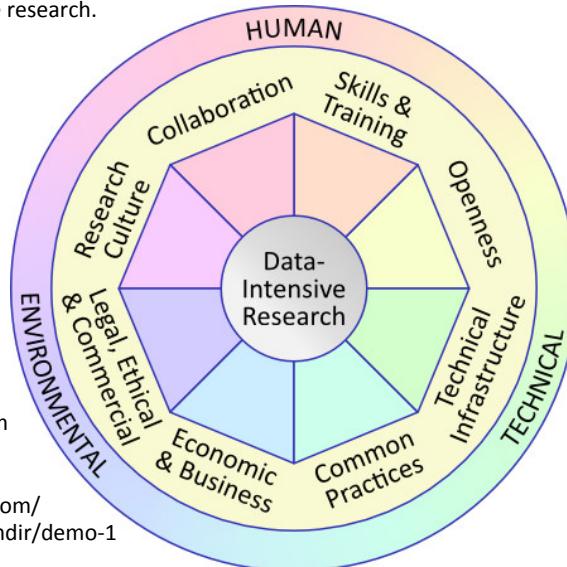
The CDIR Checklist Tool

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Overview: The Capability in Data-Intensive Research (CDIR) Checklist Tool assists **research funders, institutions** and **researchers** in developing and accelerating the capability of communities to perform data-intensive research by:

- profiling the current readiness or capability of a community
- indicating priority areas for change and investment
- developing roadmaps for achieving a target state of readiness

CDIR is based on the lifecycle of DIR and the Community Capability Model Framework (CCMF) which comprises eight *capability factors* (Collaboration; Skills & Training; Openness; Technical Infrastructure; Common Practices; Research Culture; Legal, Ethical & Commercial; Economic & Business). Within each factor are *community characteristics* relevant for determining the capability or readiness of a community to perform data-intensive research.



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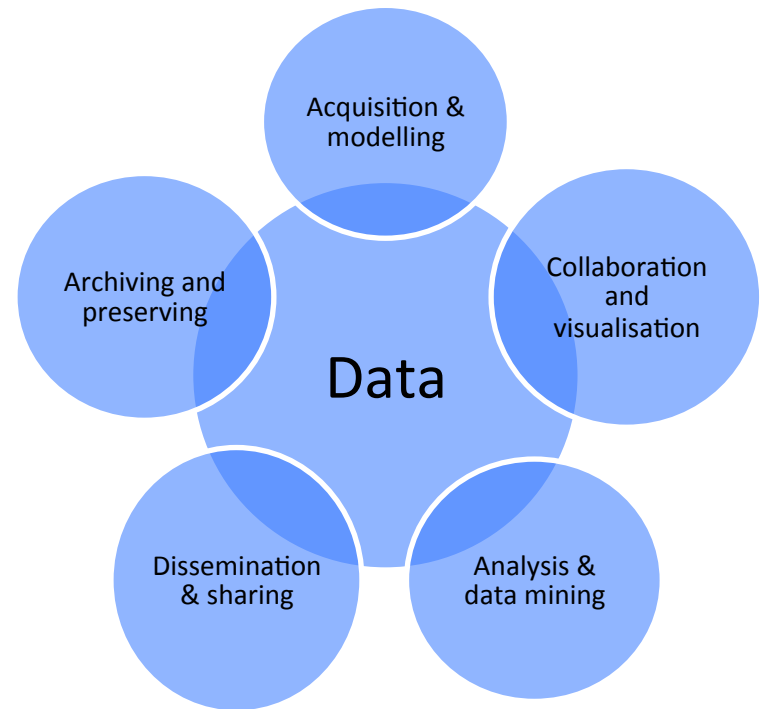
Further Information:

<http://communitymodel.sharepoint.com/>
<http://www.ukoln.ac.uk/projects/ccmdir/demo-1>



www.ukoln.ac.uk

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CDIR is available in two forms, as a spreadsheet and as an online tool. It highlights areas that need particular attention such as:

- Legal, ethical and commercial issues (IPR, privacy, sensitivity, licensing)
- Gaining informed consent for reuse and repurposing
- Appraisal and quality control (collection and acquisition policies, peer review)
- Trustworthiness (metadata, documentation, contextual information)
- Scale and complexity of data (workflows, methodologies, OAIS Representation Information)
- Publication and sharing (data release policy, controlled access, indexing, interoperability)
- Citation and attribution in scholarly communications (granularity, versioning, persistent identifiers)

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